

ABSTRACT

While easiness in insertion of a filter cartridge into an inner shell is improved, reliably prevented is exhaust gas from bypassing a particulate filter and a filter cartridge from backlashing.

Disclosed is an exhaust emission control device with a filter cartridge 11 fitted through insertion into an inner shell 8 of a muffler. The inner shell 8 is formed to have an inner diameter greater than an outer diameter of a cartridge shell 10 to provide an insertion clearance C. The inner shell 8 is formed with an inward, tapered portion 8b gradually reduced in diameter toward a direction of insertion of the filter cartridge 11, so that a portion of the inner shell inward of the tapered portion is formed as a small-diameter portion 8c with the reduced insertion clearance C. Sealing and cushioning materials 20 and 21 are fitted over the outer peripheral surface on an inward end of the cartridge shell 10 and are adapted to be held in a clamped manner between the filter cartridge 11 and the small-diameter portion 8c upon fitting of the filter cartridge.